

Organic Treatment System

TIME	0600	0800	1000	1200	1400	1600	1800	2000	2200	2400	0200	0400
Operator	BEH	BEH	BEH	BEH	MS	MS	DD	DD	DD	DD	DD	DD
6" Flume	303	313	276	259	250	251	212	253	268	251	214	249
#1 Eq. Level	MT											
#2 Eq. Level	66.1	65.2	66.3	68.4	68.7	68.2	64.8	61.7	60.8	60.8	60.4	59.8
Primary pH	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
#1 Eq pH (11.0-12.5)	N/A											
#2 Eq pH (11.0-12.5)	11.5	11.5	11.4	11.3	11.6	11.9	11.9	11.9	11.8	11.7	11.6	11.6
Feed pH (11.0-12.5)	11.24	11.16	11.17	11.08	11.41	11.61	11.61	11.55	11.49	11.43	11.37	11.30
West (#1) Aeration Feed Flow	165	175	175	183	194	194	199	185	185	175	162	168
West (#1) Aeration pH (6.3-7.5)	6.62	6.63	6.60	6.54	6.56	6.57	6.65	6.65	6.68	6.60	6.62	6.60
West (#1) Aeration Temp (70-90)	83.9	83.8	83.7	83.7	83.8	83.8	83.9	83.9	83.8	83.7	83.6	83.6
West (#1) Aeration DO (2.0-2.5)	2.4	2.5	2.5	2.1	2.3	2.7	2.6	2.6	2.6	2.5	2.5	2.5
West (#1) Aeration Recycle Flow	214	189	176	207	205	209	207	210	205	184	209	179
West (#1) Aeration Foam (L-M-H)	L	L	L	L	L	L	L	L	L	L	L	L
Final Settler Sludge Temp												
Final Settler Condition	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
East (#2) Aeration Feed Flow	259	262	259	265	269	268	272	259	259	262	249	240
East (#2) Aeration pH (6.3-7.5)	6.62	6.57	6.56	6.56	6.51	6.52	6.62	6.64	6.64	6.57	6.59	6.60
East (#2) Aeration Temp (70-90)	85.6	85.4	85.3	85.2	85.3	85.4	85.5	85.5	85.5	85.4	85.3	85.2
East (#2) Aeration DO (2.0-2.5)	2.4	2.6	2.3	2.6	2.3	2.8	2.8	2.4	2.0	2.3	2.3	2.7
East (#2) Aeration Recycle Flow	263	221	222	257	252	254	253	254	254	224	254	223
East (#2) Aeration Foam (L-M-H)	L	L	L	L	L	L	L	L	L	L	L	L
Clarifier Sludge Temp	83.2	83	82.9	82.9	83.0	83.1	83.2	83.1	83.0	82.8	82.6	82.5
Clarifier Condition	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK	OK
Pond #3 Flow	439	441	436	434	434	434	439	441	436	439	436	439
Pond #3 pH Permit Limit 6.0 - 9.0	8.19	8.16	8.17	8.18	8.23	8.24	8.24	8.24	8.22	8.20	8.21	8.20
DTR Flow	7899	8139	8157	7411	6224	5712	5208	5319	7645	7409	7906	7589
DTR Temp Permit Limit < 124°F	92.4	92.3	93.0	92.3	92	92	93	93	92	92	92	93
DTR pH Permit Limit 6.0 - 9.0	7.78	7.76	7.78	7.80	7.85	7.83	7.83	7.82	7.79	7.79	7.80	7.79

Settlers pH - 7.22